This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A computer-readable medium encoded with a ~~A~~ data structure formatted according to extensible markup language (XML) including data representative of a canonical UI description of a device to be controlled for use by a universal console, wherein said UI description comprises:

(1) action-commands to which said device responds, and

(2) descriptors for display on said universal console, said descriptors providing a prompt for a user to select at least one of said action-commands.

2. (Currently amended) The computer-readable medium encoded with the ~~A~~ data structure according to claim 1, wherein said canonical UI description includes a representation associated with a parameter for choosing one element a from a set A.

3. (Currently amended) The computer-readable medium encoded with the ~~A~~ data structure according to claim 2, wherein said canonical UI description includes a representation associated with a parameter for selecting a subset A' from a set A.

4. (Currently amended) The computer-readable medium encoded with the ~~A~~ data structure according to claim 1, wherein said canonical UI description includes a representation associated with a parameter for selecting one from the group of True/False, Off/On, OK/Cancel and Yes/No.

5. (Currently amended) The computer-readable medium encoded with the ~~A~~ data structure according to claim 1, wherein said canonical UI description includes a representation associated with a parameter for selecting an integer n in the range n_1 through n_2, with increment δ.

6. (Currently amended) The computer-readable medium encoded with the ~~A~~ data structure according to claim 1, wherein said canonical UI description includes a representation associated with a parameter for selecting a real number x in the range x1 through x2, with increment δ.

7. (Currently amended) The computer-readable medium encoded with the ~~A~~ data structure according to claim 1, wherein said canonical UI description includes a representation associated with a parameter type for an arbitrary string s.

8. (Currently amended) The computer-readable medium encoded with the ~~A~~ data structure according to claim 1, wherein said arbitrary string s is to be selected from a suggestion set of strings S.

9. (Currently amended) The computer-readable medium encoded with the ~~A~~ data structure according to claim 1, wherein said canonical UI description includes a representation associated with a parameter type for the modification of a given first string *s*, resulting in a second string *s'*.

10. (Currently amended) The computer-readable medium encoded with the ~~A~~ data structure according to claim 1, wherein said canonical UI description includes a representation associated with a parameter type for ordering the elements of set *A* into *A'*.

11. (Currently amended) The computer-readable medium encoded with the ~~A~~ data structure according to claim 1, wherein said canonical UI description includes a representation associated with a parameter type for pairing set *A* elements with set *B* elements.

12. (Currently amended) The computer-readable medium encoded with the ~~A~~ data structure according to claim 1, wherein said canonical UI description includes a representation associated with a group construct that contains at least one of commands and subgroups.

13. (Currently amended) The computer-readable medium encoded with the ~~A~~ data structure according to claim 1, wherein said canonical UI description includes a representation associated with a command construct that specifies at least one action to send to the controlled element that will carry out the action-command.

14. (Currently amended) The computer-readable medium encoded with the ~~A~~ data structure according to claim 13, wherein said canonical UI description includes a description of the parameters associated with the at least one action.